## CITY OF KIRKLAND CAPITAL IMPROVEMENT PROGRAM 2019 TO 2024

PROJECT #	SDC0630000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Rod Steitzer

PROJECT	EVEREST CREEK - SLATER AVENUE AT ALEXANDER STREET	Ш	
TITLE			
PROJECT	Slater Avenue and Alexander Street	PROJECT STAR	T PROJECT STATUS
LOCATION		2023	Modified Project

## **DESCRIPTION/JUSTIFICATION**

Flow enters this small ravine from an approximately 135 acre upstream basin via a pipe. Erosion around the pipe outlet has destabilized a road near the ravine, and sends large quantities of sand to downstream reaches of the creek, which results in increased maintenance needs in Everest Park. Installation of a highflow bypass and/or other stabilization features will prevent further damage to the road, and will reduce delivery of sediment to downstream areas thus reducing maintenance needs.

## **REASON FOR MODIFICATION (WHERE APPLICABLE)**

Project moved from 2020-2021 to 2023-2024 based on 2018 reprioritization of the Surface Water Master Plan criteria. Total project costs changed from \$903,700 to \$950,000 due to updated cost estimate including added Critical Areas Ordinance requirements and escalation for future years.

POLICY BASIS
Surface Water Master Plan

COUNCIL GOALS
Environment
Dependable Infrastructure

METHOD OF FINAN	CING (%)
Current Revenue	100%
Reserve	0%
Grants	0%
Other Sources	0%
Debt	0%
Unfunded	0%

CAPITAL COSTS	Prior Year(s)	2019	2020	2021	2022	2023	2024	2019-2024 TOTAL	Future Year(s)	Total Project
Planning/Design/ Engineering	0	0	0	0	0	82,000	100,000	182,000	0	182,000
In-House Professional Svcs.	0	0	0	0	0	41,000	50,000	91,000	0	91,000
Land Acquisition	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	307,000	370,000	677,000	0	677,000
Comp. Hardware/ Software	0	0	0	0	0	0	0	0	0	0
Equipment	0	0	0	0	0	0	0	0	0	0
Other Services	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	430,000	520,000	950,000	0	950,000
NEW MAINT. AND OPER.	0	0	0	0	0	0	0	0	0	0
NEW FTE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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CRITERIA	PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)
Amount of public disruption and inconvenience caused	During construction of this project, adjacent property owners and motorists will be impacted by construction equipment and possible traffic detours.
Community economic impacts	Would reduce the potential for property damage and road closures due to localized flooding, channel incision, and sedimentation of stormwater infrastructure.
Health and safety, environmental, aesthetic, or social effects	Would reduce flooding, sedimentation, channel migration/incision associated health, safety and the above community impacts.
Responds to an urgent need or opportunity	Ravine is subject to possible seismic collapse.
Feasibility, including public support and project readiness	Access to the project area is relatively easy, and public support would likely by high. Permitting and environmental issues will be addressed during design.
Conforms to legal or contractual obligations	Will be designed and constructed per professional and legal standards and guidelines.
Responds to state and/or federal mandate	Project improves water quality. Several species listed under the Federal Endangered Species Act live in Lake Washington. The City is obligated to protect these species by improving the quality of water that flows to Lake Washington.
Benefits to other capital projects	May reduce the required scope of SD-0061 as sediment delivery will be reduced.
Implications of deferring the project	Ravine exhibits some instability and deferring the project may increase the likelihood of ravine collapse.
CONFORMANCE WITH ADOPTED COMPREHENSIVE PLAN	Name of Neighborhood(s) in which located: <i>Everest, Moss Bay</i> Is there a specific reference to this project or land use in the immediate vicinity? <i>No</i> How does the project conform to such references? Attachments (Specify)
LEVEL OF SERVICE IMPACT	Project provides no new capacity (repair, replacement or renovation).  Project provides new capacity. Amount of new capacity provided:  Project assists in meeting/maintaining adopted level of service.  Project required to meet concurrency standards.